

FIG. 1

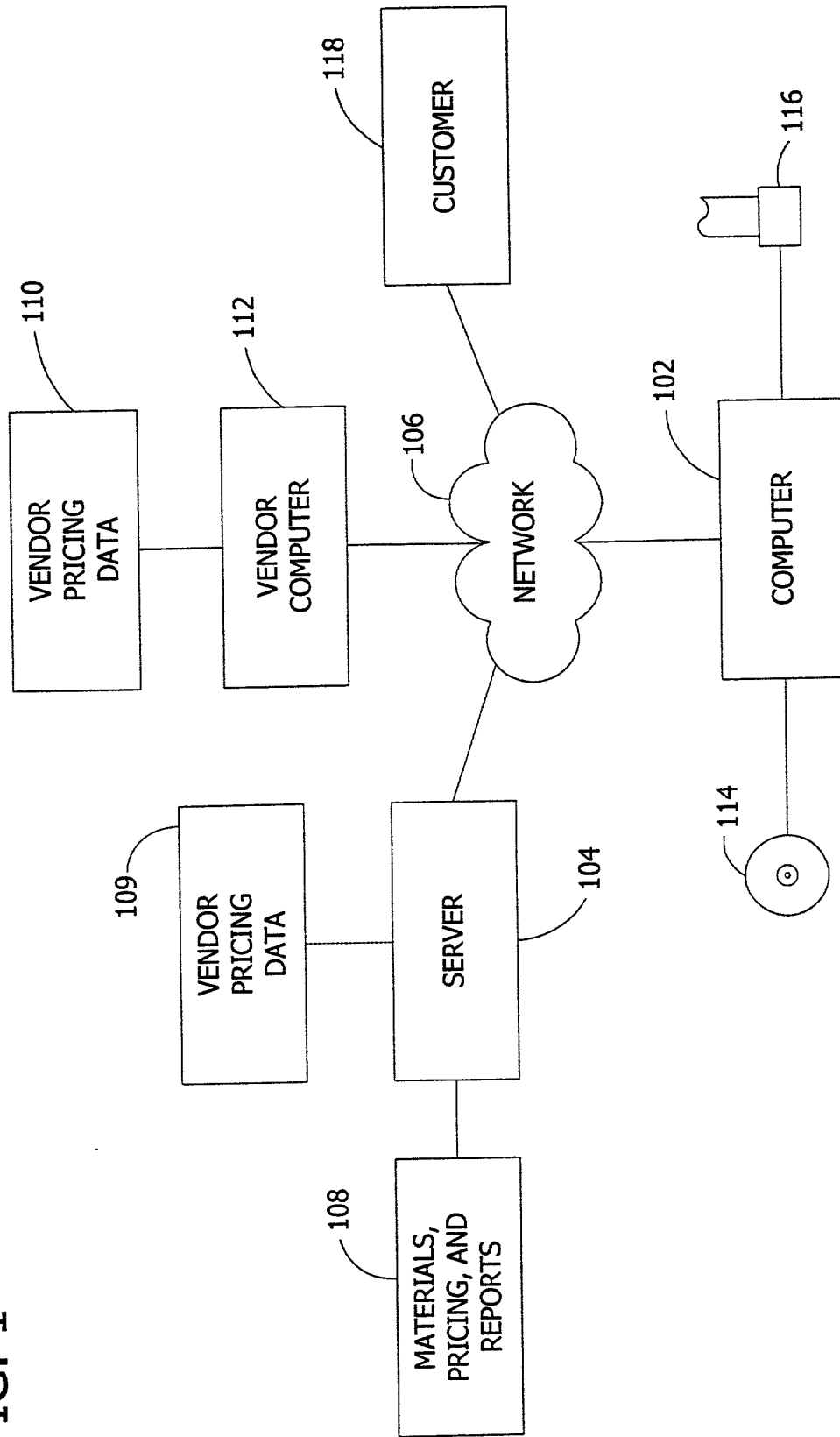


FIG. 2

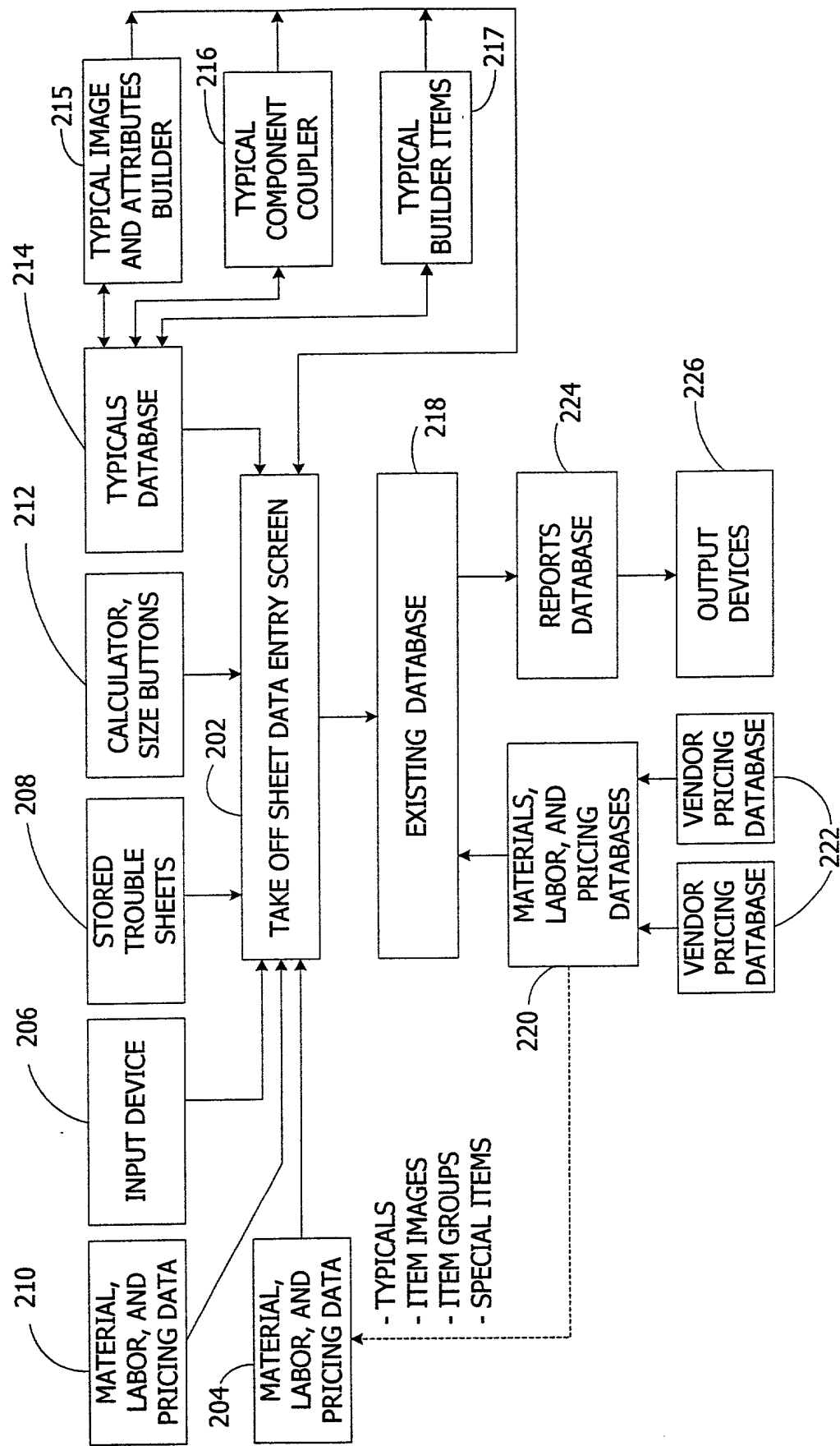


FIG. 3A

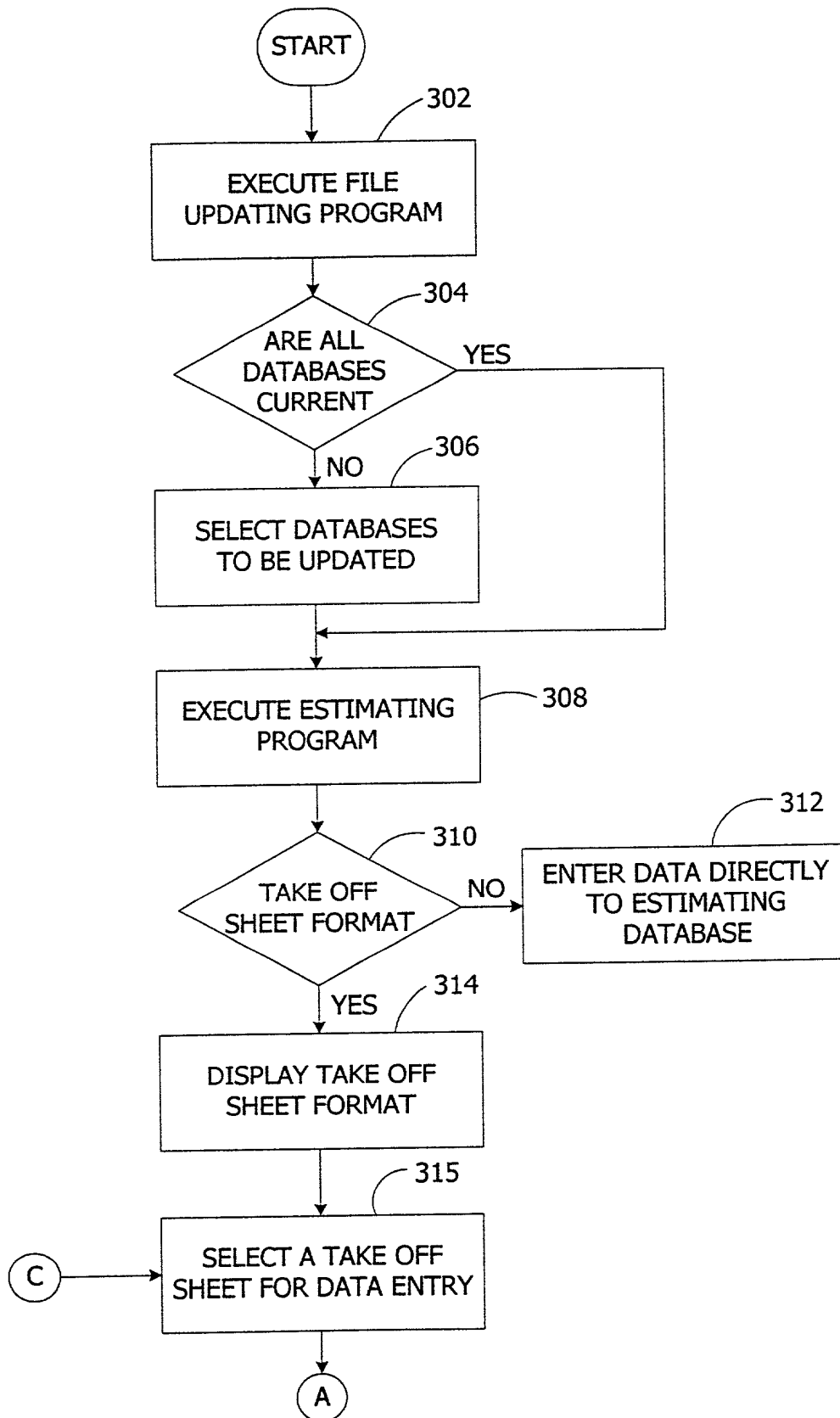


FIG. 3B

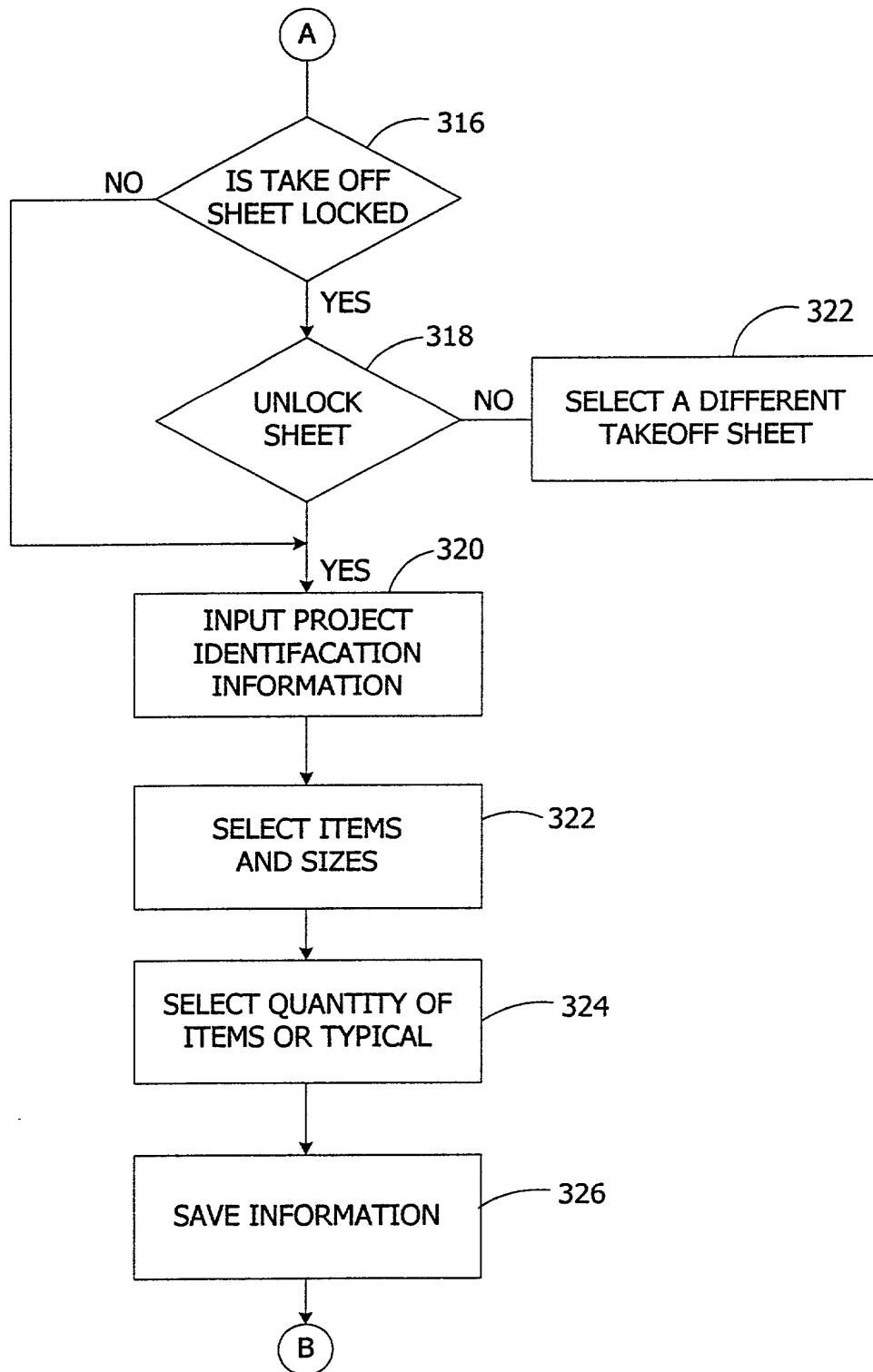


FIG. 3C

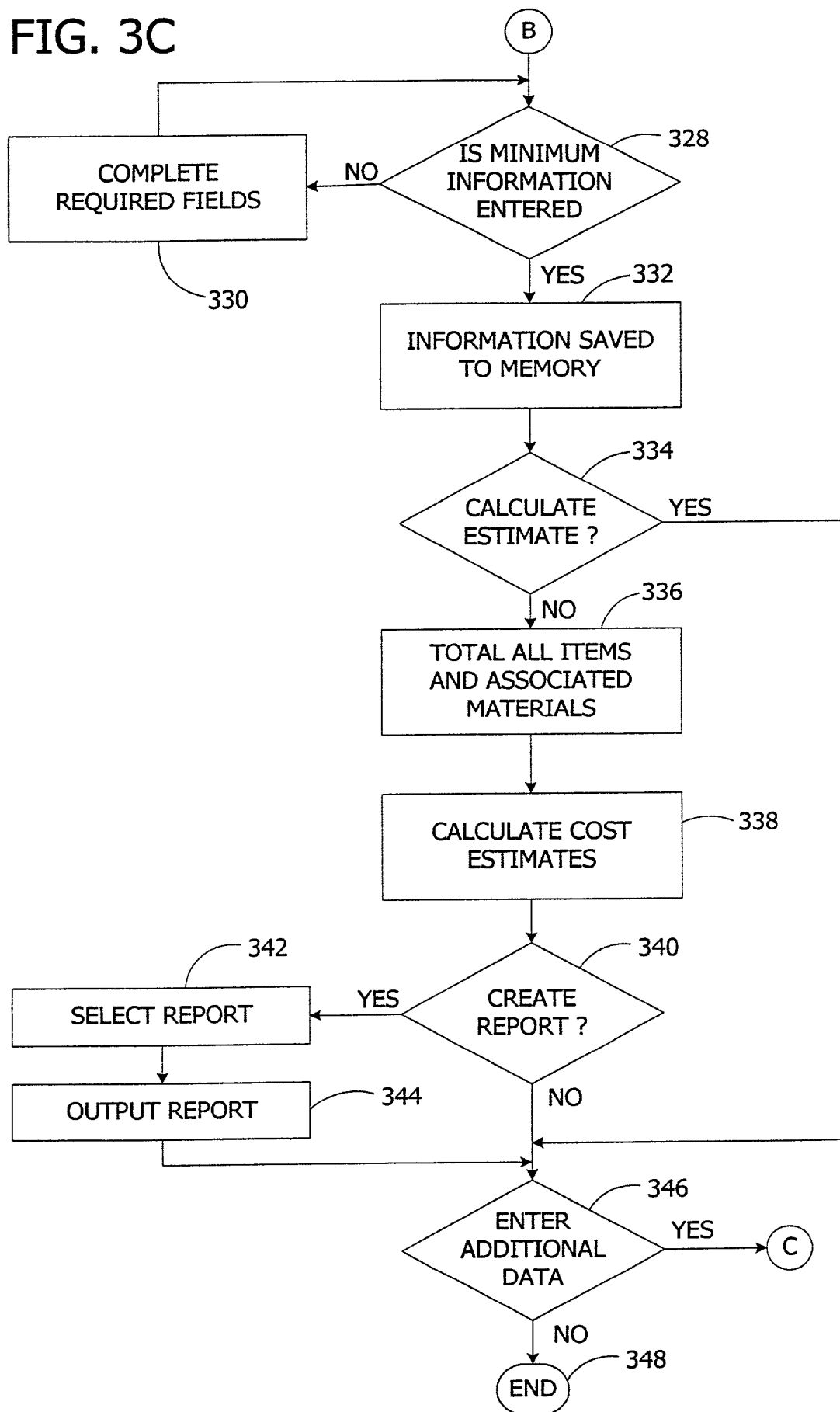


FIG. 4

File Copy Down Utility for PD Estimating Files

This program will copy down the latest programs, databases, reports, icons etc. for the PD Estimating Program.

Current Files on Your Computer		Current Files on Server		Copy Down Now?	
Program File Level 5/7/01 6:20:18 PM		Program File Level 8/9/99 1:35:58 AM		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Material Type Database (Princpal) 2/15/01 10:46:02 AM		Material Type Database (Princpal) 6/6/01 12:46:04 PM		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Anheuser-Busch Database (Princpal) 2/15/01 10:46:02 AM		Anheuser-Busch Database (Princpal) 4/1/99 9:47:32 AM		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Heavy Industrial Database (Princpal) 2/15/01 10:46:02 AM		Heavy Industrial Database (Princpal) 4/1/99 9:47:32 AM		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Takeoff Database (Blank) 4/23/01 6:52:16 AM		Takeoff Database (Blank) 8/2/99 11:29:46 AM		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Reports Files are current		Reports Files are current		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Other Files Files are current		Other Files Files are current		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Exit and go to PD Estimating					

Status

PDF - TAKEOFF - Take Off Sheet Format

Project Name: Blank Take Off Sheet		T O Sh # 111		Format: (AA-0001)		Find <input type="text"/> Delete Refresh									
Prg No: 111		Drawing No: 111		Rev No: 1		Show Tool Tips									
System: CHILLED WATER		<input checked="" type="checkbox"/> Input Short Cuts		<input checked="" type="checkbox"/> Show Material Messages		<input type="checkbox"/> Sheet UNLOCKED									
Material: Copper-Type L pipe and wrot copper fittings using 95/5		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/> Clear all quantities									
Insert: Copper-Type L pipe and wrot copper fittings using 95/5		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>									
joints & PF		Reducing Sizes:		2 3 4		1 2 3 4									
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Pick Items <input type="checkbox"/> <input type="checkbox"/> </div>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Group Description:</th> <th colspan="2">Group Sort By (Click twice to view items below):</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;"> FITURES AND EQUIPMENT FLOOR AND WALL SLEEVES IN LINE SPECIALTIES MISC OPERATIONS PIPE AND FITTINGS PIPE AND FITTINGS-SPECIAL TIES PIPE TRIM </td> <td style="width: 50%;"> SUPPORTS AND SUPPORT ITEMS SWAGelok MICRO-FIT-FITTINGS SWAGelok VCR FITTINGS SWAGelok VCR FITTINGS-ANTI-TWIST SWAGelok VCR FITTINGS-H-TYPE SWAGelok COMPRESSION FITTINGS BRAI SWAGelok-COMPRESSION FITTINGS SS 3 </td> <td style="width: 50%;"> AIR VENTS PETES PLUG THERMOMETER </td> <td style="width: 50%;"> AIR VENTS PETES PLUG THERMOMETER </td> </tr> </tbody> </table>								Group Description:		Group Sort By (Click twice to view items below):		FITURES AND EQUIPMENT FLOOR AND WALL SLEEVES IN LINE SPECIALTIES MISC OPERATIONS PIPE AND FITTINGS PIPE AND FITTINGS-SPECIAL TIES PIPE TRIM	SUPPORTS AND SUPPORT ITEMS SWAGelok MICRO-FIT-FITTINGS SWAGelok VCR FITTINGS SWAGelok VCR FITTINGS-ANTI-TWIST SWAGelok VCR FITTINGS-H-TYPE SWAGelok COMPRESSION FITTINGS BRAI SWAGelok-COMPRESSION FITTINGS SS 3	AIR VENTS PETES PLUG THERMOMETER	AIR VENTS PETES PLUG THERMOMETER
Group Description:		Group Sort By (Click twice to view items below):													
FITURES AND EQUIPMENT FLOOR AND WALL SLEEVES IN LINE SPECIALTIES MISC OPERATIONS PIPE AND FITTINGS PIPE AND FITTINGS-SPECIAL TIES PIPE TRIM	SUPPORTS AND SUPPORT ITEMS SWAGelok MICRO-FIT-FITTINGS SWAGelok VCR FITTINGS SWAGelok VCR FITTINGS-ANTI-TWIST SWAGelok VCR FITTINGS-H-TYPE SWAGelok COMPRESSION FITTINGS BRAI SWAGelok-COMPRESSION FITTINGS SS 3	AIR VENTS PETES PLUG THERMOMETER	AIR VENTS PETES PLUG THERMOMETER												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Item Description:</th> <th colspan="2">The Current Material Is</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;"> MANUAL AIR VENT PETES PLUG WITH PROBE THERMOMETER-ANGLE THERMOMETER-STRAIGHT </td> <td style="width: 50%;"> CUL95PF </td> <td colspan="2"> <Click to view Items Available </td> </tr> </tbody> </table>								Item Description:		The Current Material Is		MANUAL AIR VENT PETES PLUG WITH PROBE THERMOMETER-ANGLE THERMOMETER-STRAIGHT	CUL95PF	<Click to view Items Available	
Item Description:		The Current Material Is													
MANUAL AIR VENT PETES PLUG WITH PROBE THERMOMETER-ANGLE THERMOMETER-STRAIGHT	CUL95PF	<Click to view Items Available													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Last picked:</th> <th colspan="2">Available Sizes:</th> </tr> </thead> <tbody> <tr> <td style="width: 50%;"> PETES PLUG WITH PROBE </td> <td style="width: 50%;"> 1 </td> <td colspan="2"> Show Available Sizes </td> </tr> </tbody> </table>								Last picked:		Available Sizes:		PETES PLUG WITH PROBE	1	Show Available Sizes	
Last picked:		Available Sizes:													
PETES PLUG WITH PROBE	1	Show Available Sizes													
<div style="display: flex; justify-content: space-between; align-items: center;"> Add An Item Close Clear List Above </div>															

PDE - ITAKEOFF - Take Off Sheet Format

Project Name		T O SH #		Format: (A4-0001)		Find	Delete	Refresh			
Proj No		Drawing No		Rev No		<input type="button" value="F1"/> <input type="button" value="F2"/> <input type="button" value="F3"/> <input type="button" value="F4"/> <input type="button" value="F5"/> <input type="button" value="F6"/> <input type="button" value="F7"/> <input type="button" value="F8"/> <input type="button" value="F9"/> <input type="button" value="F10"/> <input type="button" value="F11"/> <input type="button" value="F12"/>					
System	HEATING HOT WATER										
Material	Black Std W/gt pipe with Std W/gt black grooved (Victaulic) fittings 2-1/2-24 PF										
Invent	<input checked="" type="checkbox"/> Input Short Cuts										
Item	Calculator	Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
PIPE											
90 DEG ELBOW											
45 DEG ELBOW											
TEE											
REDUCING TEE											
CONC REDUCER											
FLANGE #1											
BLIND FLANGE											
B & G SET											
THREAD-O-LET											
WELD-O-LET											
FIELD WELD											
SHOP WELD											
2-WAY VALVE											
SHUT-OFF VALVE											
CHECK VALVE											
WALL SLEEVE											
RISER CLAMP											
NIPPLE											

Double Click to Hide

Add a Picture

Item Description (Click here to add Item in Yellow)

THREAD-O-LET

Location on Drive (C:\PDE\st\bmppac\)

C:\PDE\st\bmppac\

File Name.

tol bmp

THREAD-O-LET

Size Buttons-Undocked

Calculator-Undocked

Enter Qlts Manually

Item List-Undocked

Show next step messages

Check the appropriate boxes to count joints and or hangers for this sheet.

☒ Count joints

☒ Count hangers

☐ Pipe Calculator Mode Off

Show Pipe Calculator

Show Tracking Fields

Total Records =

Click here to save this sheet.

☒ Cross Hairs On?

PDE - [TAKEOFF - Take Off Sheet Format]

[illegible]

FIG. 9

PDFE - TAKEOFF - Take Off Sheet Format

File View Tools Window Help

Project Name
OFFICE BUILDING 2

Proj No
S001-01

System
CHILLED WATER

Material
Black Std Wgt PE A53 ERW pipe with standard weight
buttweld fittings 1/2-24 PF

Insert

Calculator

Size

1/2

3/4

1

1-1/4

1-1/2

2

2-1/2

3

4

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12

14

16

18

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24

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2304

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2592

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2784

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9456

9504

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Project Name
OFFICE BUILDING 2

Proj No
S001-01

System
CHILLED WATER

Material
Black Std Wgt PE A53 ERW pipe with standard weight
buttweld fittings 1/2-24 PF

Insert

Calculator

Size

1/2

3/4

1

1-1/4

1-1/2

2

2-1/2

3

4

6

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System
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Black Std Wgt PE A53 ERW pipe with standard weight
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Insert

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864

912

960

1008

1056

1104

1152

1200

1248

1296

1344

1392

1440

1488

1536

1584

1632

1680

1728

1776

1824

1872

1920

1968

2016

2064

2112

2160

2208

2256

2304

2352

2400

2448

2496

2544

2592

2640

PDE - ITAKEOFF - Take Off Sheet Format]

[illegible]

FIG. 11

PDF
File View Tools Window Help

TAKEOFF - Take Off Sheet Format

Project Name: OFFICE BUILDING 2
Plot No: S001-01
Drawing No: M-1
Rev No: 1

System: CHILLED WATER

Material: Black Std Wgt PE A53 ERW pipe with standard weight
buttweld fittings 1/2-24 PF

Inset:

Material: Black Std Wgt PE A53 ERW pipe with standard weight buttweld

Item: 90 DEG ELBOW Qty: 0

Size: 2-1/2

Total Material:

Factor: 1

Price: 0

Totals Labor:

Factor: 1

Std Lbr: 0

MCA: 0

Material Description

Calculate

Valve and Specialty Table

Unlock

Click on any quantity field in the spreadsheet and then click here to review Labor and Material pricing.

Item	Calculator	Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3
PIPE						35	40	46	53	
90 DEG ELBOW										
45 DEG ELBOW										
TEE										
REDUCING TEE										
CONC REDUCER										
COUPLING										
MALE ADAPTER										
FEMALE ADAPTER										
CAP										
UNION										
DIELECTRIC UNION										
FLANGE #1										
B & O SET										
SHUT-OFF VALVE										
CHECK VALVE										
2-WAY VALVE										
WALL SLEEVE										
HANGER										

Alternate Data Scroll

Count joints
Count hangers
Pipe Calculator Made On
Show Pipe Calculator
Show Tracking Fields

Total Records =

Status

7/11/01

4:05 AM

PDF - [TAKEOFF - Take Off Sheet Format]

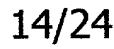


FIG. 14

Create Plumbing Typical
File View

Show Options
Show TO Fields
Clear/Start Over

Typical X Qty

Water Options

Configure From:

Drop/Riser Options

☒ No Riser

☐ Top Left

☐ Top Right

☐ Bottom Left

☐ Bottom Right

☒ Down Feed (Left)

☐ Down Feed (Right)

☐ Up Feed (Left)

☐ Up Feed (Right)

☐ Riser (Left)

☐ Riser (Right)

☒ With Air Chambers

☐ W/D Air Chambers

☒ Reducing Tees

☐ Pulled Tees

☒ W/D Valves

☐ With Valves

☒ Public

☐ Private

☒ NSPC

☐ UPC

☐ BOCA

☐ IPC

☐ Illinois

☒ w/ Riser AG - Left

☐ w/ Riser AG - Right

☐ w/ Riser UG - Left

☐ w/ Riser UG - Right

☐ w/o Riser AG - Left

☐ w/o Riser AG - Right

☐ w/o Riser UG - Left

☐ w/o Riser UG - Right

Apply Changes Made Above

Close

Description Water:

Riser No -

System:

Matl Type

Hot Water

Sanitary


Calc Cw

The following items are for the current view of

Pick a size and then select the corresponding number(s) to the right.

1/2	3/4	1	1-1/4	1-1/2
1	2	3	4	5

Choose a Group 2 Description
Cold Water for WC-FV w/ AC and T

Typical ID No.	WCFN5PCB	<input checked="" type="checkbox"/> Show This Typical?	WC	
Size Dtn Boxes	Small			
Similar Typical ID				
Group 1	Plumbing-Water			
Group 2	Cold Water w/ Air Chamber and Tee			
Typical Name	Cold Water for WC/FV w/ AC and T			

Pick Fixture/Equip./Item Below

WCF-Am. Std. 2257.103	▼
WC-Am Std 2257.103	

	Pick Fixture/Equip./Item Below
Group 1	Plumbing/Water
Group 2	Cold Water w/ Air Chamber and Tee
Typical Name	WC-Arm Std. 2257 103
Drive Location Pipe	Cold Water for WCPV w/ AC and T c:\PDE\st\bmpl\wk
File Name BMP File	Eq/Fix/t W1ACDVB/bmp
	Eq/Fix/t WCPGV/Ht.bmp

The image and the text box locations are set here and then used in the Plumbing Chase Builder. Default values can be entered here and changed later.

Filtering Group.

[Add to Typical Builder](#)
[Refresh](#)
[View](#)

[New](#)
[Save](#)
[Delete](#)
[Reset All](#)

Show Pick a Typical Form

Fitting Type Code:

Fitting Time Code:

KEE LIST 1	▲
KET LIST 1	
COPPER LIST 1	
COPPER LIST 2	
SWELD LIST 1	
STANDC LIST 1	
GROOVE LIST 1	
VWY LIST 1	
PRESSURE LIST 1	
PRESSURE LIST 2	
SUPPORTS LIST 1	
PRESSURE LIST 3 LR ▼	

Create New Fitting Group

Create New Fitting Group

FIG. 16

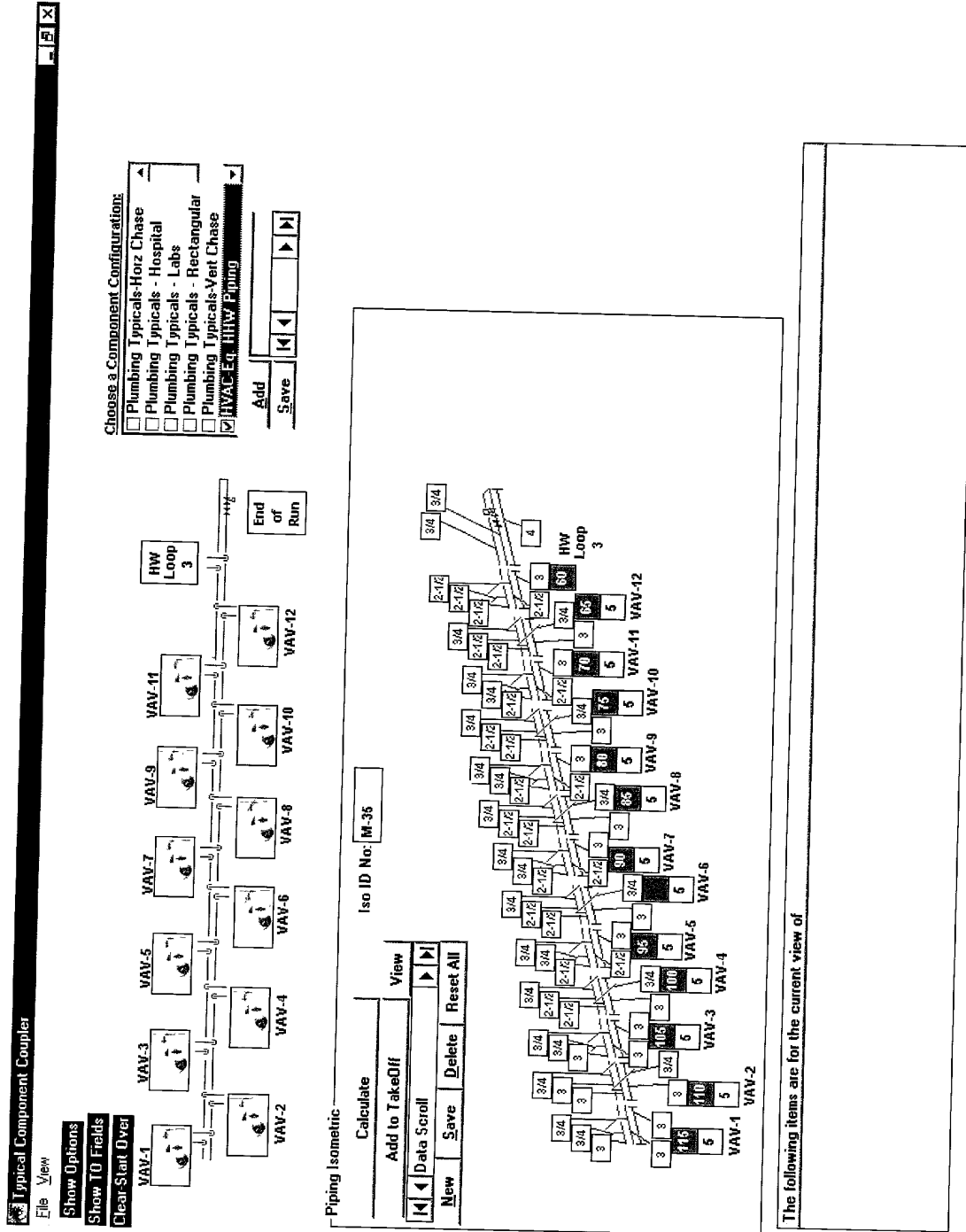


FIG. 17

Create Plumbing Typical

File View Show Options Show TO Fields Clear-Start Over

Choose a Component Configuration:

- ☒ Plumbing Typical - Horiz Chase
- ☐ Plumbing Typical - Hospital
- ☐ Plumbing Typical - Labs
- ☐ Plumbing Typical - Rectangular
- ☐ Plumbing Typical - Vert Chase
- ☐ HVAC-Eq HHW Piping

Typical X Qty

FD WC LAV FD WC LAV

Cold Water Isometric

Iso ID No: P-4CW

Add To TakeOff View

New Save Delete Reset All

Description Water:

Riser No :

System:

Matl Type:

Hot Water Sanitary Calc CW

FIG. 18

PDE - [Typical Builder]

File View Tools Window Help

Group 1:	Commercial/Institutional-HVAC										Typical No	0000
Group 2	Coil Connectors 2-Way Valves										<input checked="" type="checkbox"/> Show This Typical?	
Typical Name	1/2 Inch - 2-Way 1-High Coil											
Drive Location	C:\PDEST\Nmpaq\											
File Name BMP	2-Way 1-High Coil connection.bmp											
Long Description	This is 1 coil with a 2 way valve and a 2 inch main feed, Included is 8 feet of horizontal pipe and 6 feet of vertical pipe.											

Insert	Item	Calculator	Size	1/2	1	1-1/4	1-1/2	2	2-1/2	3	4	6	Reducing Size:	2	3	4
CJ	PIPE															
CJ	90 DEG ELBOW															
CJ	45 DEG ELBOW															
CJ	TEE															
CJ	REDUCING TEE															
CJ	CONC REDUCER															
CJ	MANUAL AIR VENT															
CJ	MALE ADAPTER															
CJ	THREAD-O-LET															
CJ	WELD-O-LET															
CJ	UNION															
CJ	DIELECTRIC UNION															
CJ	FLANGE #1															
CJ	B & G SET															
CJ	SHUT-OFF VALVE															
CJ	CIRCUIT SETTER-SWEAT															
CJ	2-WAY VALVE															
CJ	STRAINER															
CJ	HANGER															

View/Find a Typical--Double Click to Hide
☒ Group 1. ☒ Typical Number.
☒ Group 2. ☒ Typical Name

Save this sheet
Info from previous sheet
View/Find a Typical--Double Click to Hide
☒ Group 1. ☒ Typical Number.
☒ Group 2. ☒ Typical Name

Total Records =	
<input checked="" type="checkbox"/> Cross Hairs On?	

Alternate Data Scroll

Status

8/2/01 3:22 PM

PDE - [TAKEOFF - Take Off Sheet Format]

8/2/01 3:43 PM

FIG. 20

PD E

File View Tools Administrative Tools Window Help

Replace Utility Frame (PROCEED WITH CAUTION!!!)

Replace This With This

Project Name: OFFICE BUILDING 2

Project Number:	S001-01	Project Number:		Fab Done
Drawing No.:		Drawing No.:		Fab Not Done
Line No.:		Line No.:		Fld Done
Area:		Area:		Fld Not Done
System:		System:		All Done
		System:	Multiply Qty by:	All Not Done

Material Type:		Material Type:		ALL
Item:		Item:		
Size:		Spec:		
Discount Code:		Material Desc:		
Multiplier:	0	Multiplier:		Matl
Fab Shop Fact:	0	Fab Shop Fact:		Std Lbr
Fld Labor Fact:	1	Fld Labor Fact:		MCA

☐ Base Bid
 ☐ ALL
 ☐ Add to Base
 ☐ ALL

Enable--> Hangers On Enable--> Joints On

Replace Now Close Help Review Discount

Status 7/11/01 4:34 AM

[illegible][illegible]

Update Valves Specialties and Miscellaneous Descriptions - Pricing Descriptions will appear in the Pick List for Items in the Take-Off input Screens)

New Item		V Copy Data V	Save Item	Refresh Grid	Show Plug		Non-Size	Pick a Size	
Description Code	Show Plug	Date Updated	Description	Size	Mat	Unit	Mat	Unit	Mat
110837	BA-22	4/2/01	BA-22 BALL VALVE 1/2-2	3/4		242.18	1		
110838	BA-22	4/2/01	BA-22 BALL VALVE 1/2-2	2		2.9			
110839	BA-22	4/2/01	BA-22 BALL VALVE 1/2-2						
110874	BA-46	4/3/01	BA-46 BALL VALVE 1/2-2						
110959	DA-11	4/3/01	DA-11 DIAP VLV 1/2-1						
110960	DA-11	4/3/01	DA-11 DIAP VLV 1/2-1						

Double click on this grid to view more or less of it

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION                           | Std Labor | MCA  | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265     | 1ABNOLB          | VALVE-CONTROL CONTROL VALVE NO LABOR  | 0.5       | 0.85 | 1000            | 2.9    |
| 68266     | 2WCTLHT          | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) |           |      |                 |        |
| 68267     | 2WCTFLG          | VALVE-CONTROL 2-WAY FLGD (MC)         |           |      |                 |        |
| 68268     | 2WTCSEW          | VALVE-CONTROL 2-WAY SOCKET WELD (MC)  |           |      |                 |        |

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION | Std Labor | MCA | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265 | 1ABNOLB | VALVE-CONTROL CONTROL VALVE NO LABOR | 0.5 | 0.85 | 1000 | 2.9 |
| 68266 | 2WCTLHT | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) | | | | |
| 68267 | 2WCTFLG | VALVE-CONTROL 2-WAY FLGD (MC) | | | | |
| 68268 | 2WTCSEW | VALVE-CONTROL 2-WAY SOCKET WELD (MC) | | | | |

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION                           | Std Labor | MCA  | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265     | 1ABNOLB          | VALVE-CONTROL CONTROL VALVE NO LABOR  | 0.5       | 0.85 | 1000            | 2.9    |
| 68266     | 2WCTLHT          | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) |           |      |                 |        |
| 68267     | 2WCTFLG          | VALVE-CONTROL 2-WAY FLGD (MC)         |           |      |                 |        |
| 68268     | 2WTCSEW          | VALVE-CONTROL 2-WAY SOCKET WELD (MC)  |           |      |                 |        |

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| Record No | DESCRIPTION CODE | DESCRIPTION | Std Labor | MCA | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265 | 1ABNOLB | VALVE-CONTROL CONTROL VALVE NO LABOR | 0.5 | 0.85 | 1000 | 2.9 |
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| 68268 | 2WTCSEW | VALVE-CONTROL 2-WAY SOCKET WELD (MC) | | | | |

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION                           | Std Labor | MCA  | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265     | 1ABNOLB          | VALVE-CONTROL CONTROL VALVE NO LABOR  | 0.5       | 0.85 | 1000            | 2.9    |
| 68266     | 2WCTLHT          | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) |           |      |                 |        |
| 68267     | 2WCTFLG          | VALVE-CONTROL 2-WAY FLGD (MC)         |           |      |                 |        |
| 68268     | 2WTCSEW          | VALVE-CONTROL 2-WAY SOCKET WELD (MC)  |           |      |                 |        |

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION | Std Labor | MCA | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265 | 1ABNOLB | VALVE-CONTROL CONTROL VALVE NO LABOR | 0.5 | 0.85 | 1000 | 2.9 |
| 68266 | 2WCTLHT | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) | | | | |
| 68267 | 2WCTFLG | VALVE-CONTROL 2-WAY FLGD (MC) | | | | |
| 68268 | 2WTCSEW | VALVE-CONTROL 2-WAY SOCKET WELD (MC) | | | | |

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION                           | Std Labor | MCA  | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265     | 1ABNOLB          | VALVE-CONTROL CONTROL VALVE NO LABOR  | 0.5       | 0.85 | 1000            | 2.9    |
| 68266     | 2WCTLHT          | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) |           |      |                 |        |
| 68267     | 2WCTFLG          | VALVE-CONTROL 2-WAY FLGD (MC)         |           |      |                 |        |
| 68268     | 2WTCSEW          | VALVE-CONTROL 2-WAY SOCKET WELD (MC)  |           |      |                 |        |

~~~~~Copy Desc Code ~~~~~ Get Same Info w/ Same Size Info Get Same Info w/o Size Info

Data Grid #2 for Updating-Adding-Deleting Descriptions (Double Click HERE to See more of this Grid)

| Record No | DESCRIPTION CODE | DESCRIPTION | Std Labor | MCA | Item Sort Field | Weight |
|-----------|------------------|---------------------------------------|-----------|------|-----------------|--------|
| 68265 | 1ABNOLB | VALVE-CONTROL CONTROL VALVE NO LABOR | 0.5 | 0.85 | 1000 | 2.9 |
| 68266 | 2WCTLHT | VALVE-CONTROL 2-WAY FLGD-HOUSTON (MC) | | | | |
| 68267 | 2WCTFLG | VALVE-CONTROL 2-W | | | | |